

Docket No. 1997-0542/24061.267  
Customer No.: 42717

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	Shau-Lin Shue, et al.	§	Examiner:	Erik J. Kielin
Serial No.:	09/160,965	§		
Filed:	September 25, 1998	§	Art Unit:	2813
For:	Novel Planarization of Copper	§	Conf. No.:	6951
	Damascene Using Reverse Current	§		
	Electroplating and Chemical	§		
	Mechanical Polishing	§		

**REVOCATION/NEW POWER OF ATTORNEY BY ASSIGNEE  
OF ENTIRE INTEREST INCLUDING CERTIFICATION FOR  
TAKING ACTION BY ASSIGNEE UNDER 37 CFR 3.73(b)**

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The below-named assignee hereby revokes all powers of attorney previously given and hereby appoints the following attorneys to prosecute the above-identified application and to transact all business in the United States Patent and Trademark Office in connection therewith:

Practitioners associated with the Customer Number

**42717**

Please change the correspondence address to the address associated with the above-mentioned Customer Number.

The undersigned representative of the above-identified assignee certifies that the above-identified assignee is the assignee of the entire right, title and interest in the above-identified patent application by virtue of a chain of title from the inventors of the above-identified patent application to the above-identified assignee as shown below:

Assignment from inventors to Taiwan Semiconductor Manufacturing Company  
recorded on September 25, 1998 at Reel 9487 Frame 0611

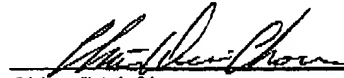
The undersigned has reviewed all the documents in the chain of title of the above-identified patent application and, to the best of the undersigned's knowledge and belief, title is in the above-identified assignee. The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified assignee.

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The undersigned hereby declares that all statements made herein of the undersigned's own knowledge are true; and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Executed the \_\_\_\_\_ day of \_\_\_\_\_, 2004.

Taiwan Semiconductor Manufacturing Company, Ltd.



Chien Wei Chou  
Director, IP Division

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CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date below.	
Name	Bonnie Boyle
Date	9-1-04